

Philadelphia College of Osteopathic Medicine
2003



Graduate Programs Commencement

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Philadelphia College of Osteopathic Medicine
welcomes you
to the
Graduate Programs Commencement Ceremony
honoring
the Classes of 2005

Doctor of Psychology in Clinical Psychology
Master of Science in Counseling and Clinical Health Psychology
Master of Science in Organizational Development and Leadership
Master of Science in Clinical Psychology
Master of Science in Biomedical Sciences
Master of Science in Health Sciences - Physician Assistant Studies

Sunday, June 1, 2005, 10:50 A.M.
Verizon Hall, The Kimmel Center
Broad and Spruce Streets, Philadelphia, Pennsylvania

Philadelphia College of Osteopathic Medicine

welcomes you

to the

Graduate Program Commencement Ceremony

honoring

the Class of 2007

Doctors of Philosophy in Clinical Psychology
Masters of Science in Counseling and Clinical Health Psychology
Masters of Science in Organizational Development and Leadership
Masters of Science in Clinical Psychology
Masters of Science in Biomedical Sciences
Masters of Science in Health Sciences - Physician Assistant & Podiatric

Sunday, June 1, 2007, 10:30 A.M.

Verizon Hall, The Strand Center

Broad and Spring Streets, Philadelphia, Pennsylvania



The Fourth Annual Graduate School Commencement Ceremony June 1, 2003

While the PCOM of 2003 bustles with the intellectual activity of hundreds of graduate students in numerous masters and doctoral programs amid the environs of a large medical school, it has grown from a small seed planted more than a century ago. When osteopathic schools were forming throughout the country in the 1890s, two students at the Northern Institute of Osteopathy in Minneapolis, Mason W. Pressly and Oscar John Snyder targeted Philadelphia as a future home for an osteopathic medical college. Although the city of brotherly love had a rich history of medicine, it had but one “osteopathist” by the time Pressly and Snyder graduated in 1898 and 1899, respectively. The two pioneering osteopathic physicians followed through with their vision, incorporating the Philadelphia College and Infirmary of Osteopathy on January 24, 1899. The first PCIO degree was awarded to a transfer student; the first PCIO class, comprised of two students, graduated in February 1900 from the fledgling college, then located at 21 South 12th Street.

The college prospered and moved through a number of sites in its first century, including 1715 North Broad Street, 832 Pine Street, 19th and Spring Garden, 48th and Spruce, and finally, the City Avenue Campus. During this growth period, the medical curriculum intensified, osteopathic research was initiated, and clinic and hospital services grew rapidly as the medical school's student body and faculty expanded dramatically.

After nearly a century of training physicians, PCOM opened its first graduate degree program, the Master of Science in Biomedical Sciences, in 1993. The first five graduates in June 1995 marked the beginning of yet another period of growth for the college - the development of a graduate school. Ten years later, nearly 500 graduate students are enrolled in PCOM's masters and doctoral degree programs.

PCOM's graduate students pursue studies at the masters level in biomedical science, counseling and clinical health psychology, organizational development and leadership, forensic medicine and physician assistant studies. Doctoral-level study is offered in clinical psychology and school psychology with certificate programs for professionals seeking respecialization in clinical psychology. Through innovative distance learning methods and modern telecommunications technology, PCOM extends its Psy.D. program to off-campus classes at East Stroudsburg University and the Dixon University Center in Harrisburg.

The faculty and administration are pleased that you are with us on this important day in our academic year as we celebrate our graduate students, their research and their future in the academic and professional community.

Program

Prelude Music	Rudolph A. Lucente Assistant Organist Wanamaker Grand Court
Processional.....	
Faculty Marshals	Arthur Freeman, Ed.D. John Cavenagh, M.B.A., PA.-C. Richard M. Kriebel, Ph.D.
Invocation.....	Richard M. Kriebel, Ph.D.
The National Anthem	
Welcome	
President	Matthew Schure, Ph.D.
Remarks	
Chairman, Board of Trustees	Herbert Lotman, LL.D. (Hon.)
Dean's Remarks and Presentation of Candidate for Honorary Degree	Kenneth J. Veit, D.O., M.B.A.

DOCTOR OF LAWS, HONORIS CAUSA

Rear Admiral Kenneth P. Moritsugu, M.D., M.P.H.
The Deputy Surgeon General of the United States
U.S. Department of Health and Human Services

Conferral of Honorary Degree.....	Dr. Lotman
Address.....	Dr. Moritsugu
Presentation of Candidates for Degrees in Course	Kenneth J. Veit, D.O., M.B.A. Robert G. Cuzzolino, Ed.D.

Doctor of Psychology in Clinical Psychology
Master of Science in Counseling and Clinical Health Psychology
Master of Science in Organizational Development and Leadership
Master of Science in Clinical Psychology
Master of Science in Biomedical Sciences
Master of Science in Health Sciences – Physician Assistant Studies

Conferring of Degrees	Dr. Schure, Dr. Freeman Dr. Gosch, Dr. Kriebel, Mr. Cavanaugh, and Mr. Clinton
Remarks by Student Representatives	Emily Chernicoff, Psy.D., Aja Montgomery, M.S., and Joseph Norris, M.S.
Closing Prayer	Barbara Golden, Ph.D.
Recessional	

Commencement Speaker

Rear Admiral Kenneth P. Moritsugu, M.D., M.P.H.

The Deputy Surgeon General of the United States

U.S. Department of Health and Human Services

Rear Admiral Kenneth P. Moritsugu, M.D., M.P.H., has held the position of Deputy Surgeon General of the United States since October 1, 1998, serving as the principal assistant and advisor to the Surgeon General. From February to August 2002, he served as the Acting Surgeon General, in which he had responsibility to directly oversee nearly 6,000 Commissioned Corps medical personnel of the U.S. Public Health Service and to function as the nation's top doctor.

Dr. Moritsugu has been representative to numerous national health care agencies and has provided expertise to various international organizations and governments. Of particular note, he served as the official U.S. observer to the Council of Europe's Select Committee of Experts on the Impact of the AIDS Epidemic on the Criminal Justice System in Strasbourg, France, and as the representative to the 75th Anniversary of the Pan American Health Board in Havana, Cuba.

Since 1994, Dr. Moritsugu has advocated for organ and tissue donation and transplantation, participating in the National Donor Family Recognition Programs in Washington, D.C. In his private capacity, he has been a member of the board of directors of the Washington Regional Transplant Consortium, the National Advisory Board for the Minority Organ and Tissue Transplant Education for Organ Sharing, the board of trustees of the National Kidney Foundation, as well as an active volunteer with the Transplant Recipients International Organization.

A noted educator, Dr. Moritsugu is an adjunct professor of public health at the George Washington University School of the Health Sciences and an adjunct associate professor of preventative medicine at the Uniformed Services University of the Health Sciences. He has spoken and written extensively in many diverse areas, including health professions education, credentialing and quality assessment, international health, health systems development, health care delivery to underserved populations, emergency response, correctional health care, managed care, HIV, health promotion/disease prevention, organ and tissue donation and transplantation, and most recently, bioterrorism.

Having completed residencies in internal medicine and in preventive medicine, Dr. Moritsugu is board certified in preventative medicine and is a certified correctional health professional. He also holds fellowships in the American College of Preventative Medicine, the Royal Society of Health, and the Royal Society of Medicine.

Dr. Moritsugu was born and raised in Honolulu, Hawaii. He received a Baccalaureate Degree with Honors in Classical Languages from the University of Hawaii in 1967, an M.D. from the George Washington University School of Medicine in 1971, and an M.P.H. in Health Administration and Planning from the University of California, Berkeley, in 1975.



Degrees in Course
June 1, 2003

Degrees in Course

The Graduates and their Research

DOCTOR OF PSYCHOLOGY IN CLINICAL PSYCHOLOGY

Hannelore T. Barbieri

Chestnut Hill, PA

B.S., Chestnut Hill College

M.A., LaSalle University

Evaluation of the Maudsley Addiction Profile (MAP) for Use with an American Substance Abuse Population

Emily Rosenthal Chernicoff

Lafayette Hill, PA

B.A., Temple University

M.C.A.T., Hahnemann University

Becoming Visible: A Qualitative Analysis of Female-to-Male Transsexuals' Coming-out Experience.

Kristen M. Cirelli

Bala Cynwyd, PA

B.S., Pennsylvania State University

M.Ed., University of Pennsylvania

Patients Presenting to Psychiatric Emergency Service: Clinical Characteristics, ZX stressors, and Disposition

Janice Eileen Cunningham

Bethlehem, PA

B.A., Cedar Crest College

M.S., Chestnut Hill College

Community Integration & Normalization: Fact or Fallacy

Christine C. Ganis

Harrisburg, PA

B.A., North Carolina State University

M.Ps.Sc., Pennsylvania State University

Different Forms of Abuse in the Eating Disorders: Impact in Schema-level Cognitions

Degrees in Course

April J. Hansen

Pennsauken, NJ

B.A., Cabrini College

M.A., Loyola College

Retrospective Investigation of One-time Presenters to Urban and Suburban
Psychiatric Emergency Services: Cross-sectional and Clinical Characteristics

Michelle Saxen Hunt

Manahawkin, NJ

B.S., Richard Stockton College of New Jersey

M.A., Fairleigh Dickinson University

Survey of Psychologists on Attitudes Toward Patients with
Borderline Personality Disorder

Pete Jackson

Rutledge, PA

B.A., West Chester University

M.A., LaSalle University

Management of Psychosocial Issues in the Family Practice Setting:
Physicians' Skills and Attitudes as Observed by Behavioral Health Specialists

Virginia M. Koutsouros

Elkins Park, PA

B.A., Beaver College

M.A., Beaver College

Predictors of Large Women's Satisfaction with Health Care

Rori Minissale

East Meadow, NY

B.A., Hofstra University

M.A., Immaculata College

An Investigation of Self-esteem, Depression, and Aggression in Proactive
Aggressive, Reactive Aggressive and Nonaggressive Preadolescents

Degrees in Course

Virginia B. Murphy

Minersville, PA

B.S., Pennsylvania State University

M.S., Millersville University

Social Problem Solving, Relationship Satisfaction, and Spirituality as Predictors
of Quality of Life and Psychological Morbidity in Caregivers of Patients
with Amyotrophic Lateral Sclerosis

***Marni Nutkowicz**

Southampton, PA

B.S., Pennsylvania State University

M.A., Beaver College

Borderline Personality Disorder in Older Adulthood: Assessment and Treatment

Ellen Denenberg Spandorfer

Wynnewood, PA

B.A., George Washington University

M.S., Villanova University

Relationship of Attributions and History of Childhood Sexual Abuse to Distress in
Non-offending Mothers of Child Sexual Abuse Victims

Karen Tanner

Newark, DE

B.S.N., University of Delaware

M.S.N., University of Pennsylvania

The Clinical Case Management of Agitation in Individuals with Dementia:
An Animal-assisted Therapy Approach

Michael R. Wydo

Wilkes-Barre, PA

B.S., Pennsylvania State University

M.A., Marywood College

Measuring Anger in a Prison Population Using the Anger Disorders Scale and the
Personality Assessment Inventory

Upon successful completion of requirements, degrees for these candidates will be conferred on
August 20, 2003.

* Degree was conferred on January 15, 2003.

Degrees in Course

MASTER OF SCIENCE IN COUNSELING AND CLINICAL HEALTH PSYCHOLOGY

Yolanda Nicole Brannon

Orangeburg, SC
B.S., South Carolina State University

Antonella Cardillo

Bear, DE
B.S., Saint Joseph's University

Stacey Carpenter

Blackwood, NJ
B.A., Cabrini College

Kelly A. Drews

Flemington, NJ
B.S., Wilkes University

Alexandra L. Duncan

Coatesville, PA
B.A., Cabrini College

Stephanie Jane Hirtle

Bridgewater, Nova Scotia, Canada
B.A., Saint Mary's University

Melissa H. Hooven

East Norriton, PA
B.S., Saint Joseph's University

Melissa Dillon Horowitz

Yorktown Heights, NY
B.A., University of Massachusetts at Amherst

Carol Johnson

Philadelphia, PA
B.A., Temple University

Heather Ashley Keaton

Elkins Park, PA
B.S., Pennsylvania State University

Degrees in Course

Colleen Landy

Philadelphia, PA
B.S., Saint Joseph's University

Jamie Lynn Nastasee

Bethlehem, PA
B.A., Temple University

Sara Michelle O'Neal

Wheaton, IL
B.A., University of Wisconsin at Madison

Aaron S. Pollock

Atco, NJ
B.A., Albright College

Lauren Elizabeth Potts

Chalfont, PA
B.A., Gwynedd-Mercy College

Sarah Meisler Weiss

Yardley, PA
B.A., Muhlenberg University

Lynn M. Yurchak

Woolwich Township, NJ
B.S., Temple University

MASTER OF SCIENCE IN ORGANIZATIONAL DEVELOPMENT AND LEADERSHIP

Debbi Bromley

Cranford, NJ
B.A., Fairleigh Dickinson University
M.B.A., University of North Florida

Annette M. Farrell

Downingtown, PA
B.A., LaSalle University

MASTER OF SCIENCE IN BIOMEDICAL SCIENCES

Ronnen Abramov

New Hyde Park, NY

B.A., New York University

The Effects of Infection on Surface Expression Molecules and Monocyte Migration
Through an In Vitro Model of the Blood-Brain Barrier

Andrew Clark Bowe

Quarryville, PA

B.A., Franklin and Marshall College

Histologic Evidence of *Chlamydia pneumoniae* and the Presence and
Degree of Inflammation

Stephanie Kedhia Iem

Philadelphia, PA

B.S., University of the Sciences in Philadelphia

The Potential of MyoD Expressing Cells in Fetal Organs to Differentiate
into Skeletal Muscle

Jason David Litsky

Simsbury, CT

B.S., College of Charleston

Cellular Immune Responses to *Chlamydia pneumoniae* in Young BALB/c Mice

Aja Maia Montgomery

Dolton, IL

B.S., Hampton University

The Role of TGF- β During the Final Stages of Chondrocyte Maturation

Benjason Rodrigo Nunez

Yardley, PA

B.S., Pennsylvania State University

Investigation of the Modulation of L-arginine Metabolism and its Effects on
Nitric Oxide Formation

Ellen E. Peterman

York, PA

B.S., Juniata College

Characterization of Protein Kinase C Inhibition in Neutrophil Induces Myocardial
Ischemia/Reperfusion Injury in the Isolated Perfused Rat Heart

Degrees in Course

Maria Roupas

Upper Darby, PA

B.S., Neumann College

The Effects of *Chlamydia pneumoniae* Infection on Apoptotic Events in Neuronal Cells

Elizabeth P. White

Bridgehampton, NY

B.A., University of Colorado

Regulation of Sertoli Cell Function by Phytoestrogen

Jeremy V. White

Salisbury, MD

B.S., Salisbury State University

Effects of the *Serratia marcescens* 58 kDa Metalloprotease on Attachment of
McCoy 5A Fibroblasts

MASTER OF SCIENCE IN HEALTH SCIENCES PHYSICIAN ASSISTANT STUDIES

Sara Jane Adams

Hamburg, PA

B.S., University of the Sciences in Philadelphia

What is the safety and efficacy of using Nortriptyline for smoking cessation?

Aasima Ali

Philadelphia, PA

B.S., University of the Sciences in Philadelphia

Does the use of Metformin in women with Polycystic Ovarian Syndrome lead to a
higher incidence of conception?

Jennifer L. Anderson

Rock Island, IL

B.A., Southern Illinois University

Is pneumococcal vaccine safe and effective in reducing morbidity and mortality
from pneumonia in patients with COPD?

Degrees in Course

Jennifer C. Bagnall

Pittsburgh, PA

B.A., Loyola University of Chicago

Does treatment of normotensive type 1 diabetic patients with ACE/ARB therapy reduce the risk of end-stage renal failure?

Michael W. Barnes

Hollywood, FL

B.S., University of Florida

M.S., Barry University

How much weight loss is effective for decreasing or eliminating diabetic drugs in obese patients with Type 2 diabetes?

Timothy Brandriff

Warrington, PA

B.S., University of the Sciences in Philadelphia

Are HMG-CoA reductase inhibitors more effective than fibrates in the treatment of stable HIV positive patients with Hyperlipidemia secondary to their anti-viral regimens?

Dana M. Brannigan

Bristol, PA

B.S., Susquehanna University

How many patients with known CAD are being undertreated for their Dyslipidemia in a suburban internal medicine practice?

Joseph P. Cassidy

Wayne, PA

B.S., Shippensburg University

Thrombolytics or Heparin: which is the safer and more effective treatment of acute pulmonary embolism?

Patricia Castillo

East Stroudsburg, PA

B.S., Ithaca College

Is folic acid supplementation safe and effective in preventing coronary heart disease?

Yoon Young Choi

Staten Island, NY

B.S., University of the Sciences in Philadelphia

What is the safety and efficacy of botulinum toxin as treatment for migraine headache?

Degrees in Course

Mila Chumak

Buena, NJ

B.S., Rowan University

Is high sensitivity C- reactive protein an effective predictor of cardiovascular disease in the adult population?

Yves-Laure Damis

Spring Valley, NY

B.A., State University of New York at Stony Brook

What is the safety and efficacy of bupropion versus the nicotine patch for smoking cessation?

Jessica Diamond

Titusville, PA

B.S., Gannon University

What is the safety and efficacy of oral contraceptives versus SSRI's in the treatment of Pre-Menstrual Dysphoric Disorder?

Rachel Erin Dickinson

Bethel, CT

B.S., University of the Sciences in Philadelphia

Are NSAID's, including aspirin, safe and effective in reducing the incidence of colon cancer in adults?

Kristin Marie Dupre

Valrico, FL

B.S., University of South Florida

What effect does delayed prescription writing have on the rates of antibiotic use in upper respiratory infections?

Carolyn Erfle

Lower Gwynedd, PA

B.S., Saint Joseph's University

Is St. John's Wort a safe and effective treatment for depression?

Cicily George

Philadelphia, PA

B.S., University of the Sciences in Philadelphia

What effect does maternal birth weight have on the development of gestational diabetes in pregnant women?

Degrees in Course

Brett A. Gordon

Wynnewood, PA

B.S., University of Maryland

What are the safest and most effective approaches to chronic low back pain in adults?

Jennifer L. Grimes

Wysox, PA

B.S., Millersville University

How safe and effective is amitriptyline versus tropisetron in the treatment of fibromyalgia?

David Shawn Herzing

DuBois, PA

B.S., Indiana University of Pennsylvania

Does an increase in pre-surgical scrub time correlate with a decrease in post-operative infection rates?

Jonathan Huggins

Bryn Mawr, PA

B.S., University of the Sciences in Philadelphia

What proportion of children with Aspergers Syndrome are initially diagnosed as having ADHD?

Kristin Alma Huysman

Pittsburgh, PA

B.S., Pennsylvania State University

Is oral cimetidine a safe and effective treatment for non-genital warts?

Ann Marie Jaworowicz

Eric, PA

B.S., Allegheny College

How do GnRH agonists versus oral contraceptives compare in the symptomatic improvement of women with endometriosis?

Eric L. Larsen

Plantation, FL

B.S., University of Florida

What are the most effective means of clearing pulmonary secretions in patients with Cystic Fibrosis?

Degrees in Course

Anita Mani

Staten Island, NY

B.S., University of the Sciences in Philadelphia

Does the MMR vaccine cause or worsen autism in children?

Jacob Mathew

Philadelphia, PA

B.S., University of the Sciences in Philadelphia

How safe and effective is Dermabond compared to suturing for acute superficial lacerations?

Loretta McPheeters

Cumberland, MD

B.S., Northern Arizona University

M.P.H., University of Hawaii School of Public Health

Does breastfeeding affect a woman's chance of developing breast cancer?

Meagan Lyn Mickley

Gettysburg, PA

B.S., Juniata College

What is the correlation between hypothyroidism and major depression?

Karyn D. Miller

Annville, PA

B.A., Gettysburg University

How do self-reporting compliance rates in teenage diabetics compare to disease control as shown by tri-monthly HgA1C levels?

Michelle S. Montague

West Grove, PA

B.A., West Chester University

Is Xopenex safer and more effective than albuterol in reducing/improving clinical symptoms or hospitalization rates during acute asthma attacks in children?

Jennifer M. Moore

Harleysville, PA

B.S., Trinity College

Is Human Papilloma Virus testing a safe and effective method to manage ASCUS pap smears?

Degrees in Course

Annalysa H. Nguyen

Philadelphia, PA

B.S., Saint Joseph's University

Is antibiotic therapy safe and effective for acute bronchitis in adult smokers?

Joseph D. Norris

Woodbury Heights, NJ

B.S., University of the Sciences in Philadelphia

D.C., Pennsylvania College of Chiropractic Medicine

Are tricyclic antidepressants more effective than SSRI's in chronic neuropathic pain management in adults?

Pinal Patel

Palmyra, NJ

B.S., University of the Sciences in Philadelphia

In patients with impaired glucose tolerance, does Metformin delay or prevent the onset of overt Type 2 Diabetes?

Anna Pechacek

New Market, MD

B.S., University of Maryland Baltimore County

M.S., University of Maryland Baltimore County

What is the safest and most effective treatment of recurrent urinary tract infections in women 18-30 years of age?

Tina Elizabeth Peter

Houston, TX

B.S., University of the Sciences in Philadelphia

Does excessive dietary intake of sodium cause bronchospasm in adult patients with asthma?

Lisa Marie Piliero

Malvern, PA

B.S., University of the Sciences in Philadelphia

What is the safety and efficacy of the UP3 procedure in the treatment of obstructive sleep apnea?

Degrees in Course

Danielle Bernadette Ressler

Bordentown, NJ

B.S., College of New Jersey

Are repetitive courses of ante-natal corticosteroids more effective and safe than single dose therapy for improving neonatal outcomes in premature infants?

Jenni L. Rhodes

Downingtown, PA

B.S., University of the Sciences in Philadelphia

What threat does wide-spread smallpox vaccination pose to immunocompromised patients?

Amanda Ruth Richardson

Lake Orion, MI

B.S., Oakland University

What methods are most effective in preventing allergic responses to dust mite allergens?

Sara Beth Robinson

Syracuse, NY

B.S., Cornell University

Is the effectiveness and safety of aspirin for secondary stroke prevention dose dependant?

Elizabeth Jane Selgas

Harrisburg, PA

B.S., Indiana University of Pennsylvania

How safe and effective are antidepressants in the treatment of fibromyalgia?

Timothy J. Spero

Huntington, NY

B.S., University of the Sciences in Philadelphia

What is the safety and efficacy of Low Molecular Weight Heparin given to post-operative patients in reducing deep vein thromboses, pulmonary embolism and death?

Francine Joanne Spinogatti

Havertown, PA

B.S., University of the Sciences in Philadelphia

Are monthly self-breast exams effective in discovering breast cancer in women over 40?

Degrees in Course

Megan Steely

Norristown, PA

B.A., Indiana University at Bloomington

Is tonsillectomy or repeated courses of antibiotics more safe and effective in the treatment of recurrent tonsillitis in children?

Shelley Nicole Steinwand

Orange, CA

B.S., California Polytechnic Institute

What is the safest, most effective work-up for dyspepsia in patients under 40?

Maria Wulin

Lebanon, PA

B.S., University of the Sciences in Philadelphia

Is Elidel safe and effective for the treatment of atopic dermatitis?

Upon successful completion of requirements, degrees for these candidates will be conferred on July 9, 2003.

MASTER OF SCIENCE IN CLINICAL PSYCHOLOGY

Marian Sonja Kenney

Degree conferred August 20, 2002

Jessica Stewart Allen

Sara J. Camaerei

Ray W. Christner

Kimberly Sawchak D'Andrea

Beth Arburn Davis

Danielle Theresa DiGregorio

Nicole L. Gabriel

Karyn Lynn Goodwin

Antoinette Lavick-Hamidian

Kathleen M. Jansen

Robert Joseph Liskowicz

Robert Lawrence Mailliard

Krista Nicole Olex

Bradley M. Rosenfield

Laura Marie Sharp

Jack H. Truschell, II

Anna Zacharcenko

Degrees conferred November 13, 2002

Francis M. Angelella

Christina Esposito

Frances Anne Musto

Dennis David Shoemaker

Degrees conferred January 15, 2003

Bonnie Salsburg Ream

Degree conferred April 15, 2003

Michael T. Degilio

Gregory John Estadt

Kyle Burnell Holsinger

Upon successful completion of requirement degrees will be conferred on August 20, 2003.

Degree awarded in recognition of doctoral degree candidacy

Awards

THE SARA SOMERS RUPERT HUMANITARIAN AWARD

This award is presented at graduation to the senior Physician Assistant student who has demonstrated an ongoing commitment to those in need. The recipient exemplifies the philosophy of health care service and compassion above self.

Joseph D. Norris, M.S., P.A.

THE SIGMA XI RESEARCH AWARD

This award recognizes excellence in student research across all academic programs of the College.

Emily Rosenthal Chernicoff, Psy.D.

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Philadelphia College of Osteopathic Medicine Foundation and Philadelphia College of Osteopathic Medicine

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Galen S. Young, Sr. D.O., Chancellor

Leonard H. Finkelstein, D.O., Vice Chancellor

*Alumni Representative

**Faculty Representative

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Senior Associate Dean for Clinical Education

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John A. Pasquella**

Matthew Schure, Ph.D.

Arthur Sesso, D.O.

John P. Simelaro, D.O., M.Sc., FACOI,
FCCP, FACA

Etheldra Templeton, M.L.S.

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The College Seal



The College Seal first appeared in 1925 embossed on the cover of *The Synapsis*, the College's first yearbook. Volume One of *The Synapsis* was published by the junior class of Philadelphia College of Osteopathy in honor of the graduating Class of 1925. The first Seal incorporated the College motto *mens et manus*, "mind and hand." The Seal's origin is unknown, as is its designer.

In 1938, Edgar O. Holden, D.O. '22, dean of the College from 1924-1943, and Russell C. Erb, Ph.D., associate dean from 1937-1943, proposed and designed a Coat of Arms. The Coat of Arms appeared for the first time in the 1938 alumni magazine and featured a heraldic design that applies to the osteopathic profession. The three triangles are symbolic of the three segments of the vertebral column, which has a significant part in the science of osteopathic medicine. The hand emerges from a noble crown indicative of the regal aspect and dignity, as well as the healing powers of the human hand when applied to the art and science of osteopathic medicine. The College motto was retained and the Coat of Arms was utilized as the College Seal in various motifs through the mid-1980s.

An adaptation of the first College Seal was re-introduced in 1986. Today's College Seal, similar to the original, was adopted following the College's Centennial celebration in 1999.

The Seal features a centrally-placed shield within which are shown a scroll and a flaming torch of knowledge. Immediately above is the College motto *mens et manus*, reflecting the College's osteopathic origin. Uppermost and arranged in a radial pattern are streaks of solar brilliance. Separated from either side of the shield are branches of laurel joined and bound together at the center, close to the base of the shield. These components exemplify teaching, learning and the attainment of knowledge leading to successful careers in the health care professions. The name of the College and the year of its founding encircle the Seal.

The Academic Costume

The academic dress worn today for ceremonial occasions originated in medieval times and stems from the early days of the oldest universities. It is thought that long gowns were first worn for warmth in the cold lecture halls. And hoods may have covered the tonsured head (shorn crown) of priests and monks who made up the faculty. One university insisted on the tonsure for scholars. The hoods were replaced by the skull cap, which in turn was displaced by a headgear somewhat like that worn today.

The faculty and students of European universities still wear a diversity of academic regalia. However, in 1893, a United States intercollegiate commission dictated a uniform code which has been accepted by most American colleges and universities.

The commission devised three types of gown and three types of hood for the bachelor's, the master's and the doctor's degree. All gowns are black except for the associate in arts degree, which is gray.

The bachelor's gown features pointed sleeves and is worn closed; the master's gown has an oblong sleeve and may be worn open or closed. The gown for the doctor's degree has bell-shaped sleeves slashed with three velvet bars. The front of the gown is faced with velvet and is worn either open or closed. Mortarboards are generally recommended for caps, although soft, square-topped caps are permissible. Tassels may be black or gold and are usually gold for the doctor's degree.

The colorful hoods are lined with silk in the color or colors of the institution granting the degree. The length of the hood varies according to the degree: short for the associate's and bachelor's degree; medium for the master's and long for the doctorate. In addition, the hood is trimmed with velvet facing representing the academic discipline or school of study. Although there has been much innovation in cap and gown design in recent years, the standard colors representing the various academic disciplines have remained the same. These are:

<i>White:</i>	Arts and Letters or Humanities
<i>Golden yellow:</i>	Science
<i>Purple:</i>	Law
<i>Lemon yellow:</i>	Library Science
<i>Sapphire blue:</i>	Commerce or Business
<i>Light blue:</i>	Education
<i>Brown:</i>	Fine Arts
<i>Dark blue:</i>	Philosophy
<i>Green:</i>	Medicine—the color of life and growth. (Fellows of the American College of Osteopathic Surgeons wear hoods trimmed with crimson.)

